

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT5825889

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BENJAMIN E. KUSTERS	11/14/2019
KYUNGYOON MIN	11/05/2019
RECEIVING PARTY DATA	
Name:	FENWAL, INC.
Street Address:	THREE CORPORATE DRIVE
City:	LAKE ZURICH
State/Country:	ILLINOIS
Postal Code:	60047
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16686823
CORRESPONDENCE DATA	
Fax Number:	(312)236-8176
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	312-236-8500
Email:	docket@cookalex.com
Correspondent Name:	COOK ALEX LTD./FENWAL, INC.
Address Line 1:	200 WEST ADAMS STREET
Address Line 2:	SUITE 2004
Address Line 4:	CHICAGO, ILLINOIS 60606
ATTORNEY DOCKET NUMBER:	F-6840 (9360-0584.01)
NAME OF SUBMITTER:	JOSEPH R. FREUND
SIGNATURE:	/Joseph R. Freund/
DATE SIGNED:	11/18/2019
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 5	
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COMBINED ASSIGNMENT AND DECLARATION

FENWAL, INC.

Attorney Docket No.: F-6840 (9360-0584.01)

Serial/Application No.: 16/686,823

Filed: November 18, 2019

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we (hereinafter respectively referred to as Assignors or we) hereby assign to **Fenwal, Inc.** (hereinafter referred to as Assignee), a **Delaware corporation**, having a principal place of business at **Three Corporate Drive, Lake Zurich, IL, 60047**, its successors, legal representatives and assigns, the entire worldwide right, title and interest in our invention(s) in: OPTICAL MIXING OF FLUIDS, described, claimed and/or otherwise set forth in the patent application(s) identified by the above referenced Serial/Application Number(s) and/or Attorney Docket No(s)., including, without limitation, the entire worldwide right, title and interest in and to: (1) the above referenced patent application(s), (2) any and all other United States applications, regular and provisional, and applications in any and all countries which have been or may hereafter be filed, either solely or jointly with others, on said invention(s), (3) any and all Letters Patent of the United States or of any other country which may be obtained on any of the said applications, (4) if any above United States application is provisional, any regular application(s) referring thereto pursuant to 35 USC 119(e) or other internal priority legislation, and (5) any regular, division, continuation, reexamination, reissue or extension of any of the foregoing.

We hereby authorize and request the Commissioner of Patents and any other patent-granting authority to issue any domestic, foreign, and/or international Letters Patent(s) on said invention to said Assignee.

We hereby authorize and request the Assignee or its legal representatives to insert in this assignment the date and serial number of said application when officially known.

COMBINED ASSIGNMENT AND DECLARATION

FENWAL, INC.

Attorney Docket No.: F-6840 (9360-0584.01)

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We warrant that we are the owners of the entire right, title and interest in and to the invention(s) and patent application(s) herein assigned and have the right to make this assignment; and further warrant that there are no outstanding prior assignments, licenses, or other rights whatsoever in the interest herein assigned.

We hereby agree upon the request and at the expense of said Assignee, its successors, legal representatives and assigns, to execute any and all regular, divisional, continuation, and renewal applications for said invention(s), and any necessary oath or supplemental oath or affidavit relating thereto, and any application(s) for the reissue or extension of any Letters Patent that may be granted upon said application(s) that said Assignee, its successors, legal representatives and assigns may deem necessary or expedient.

We further agree upon the request of said Assignee, its successors, legal representatives and assigns, in the event of said application(s), or any regular application(s) referring thereto under internal priority legislation or international treaty or convention, or any continuation or division thereof, or Letters Patent issued thereon, or any reissue or application for the reissue thereof becoming involved in Interference or any other contested matter to cooperate to the best of our ability with said Assignee, its successors, legal representatives and assigns in the matters of preparing and executing the preliminary statement or other such document and giving and producing evidence in support thereof. We further agree to perform, upon such request, any and all affirmative acts to obtain said Letters Patent(s), and vest all rights therein hereby conveyed in the said Assignee, its successors, legal representatives and assigns whereby said Letters Patent(s) will be held and enjoyed by the said Assignee, its successors, legal representatives and assigns to the end of the term for which said Letters Patent(s) may

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be granted as fully and entirely as the same would have been held and enjoyed by Assignors if this assignment and sale had not been made.

We also, to the extent not set forth above, assign to said Assignee, its successors, legal representatives and assigns, the entire right, title and interest in said invention for any and all foreign countries and in all applications claiming priority under international convention or treaty to any of the applications identified above and further assign to Assignee, its successors, legal representatives and assigns, the right of priority for patent and utility model applications in all countries arising under any applicable international convention for the protection of industrial property and/or any internal priority legislation of such countries, and we agree upon the request of said Assignee, its successors, legal representatives and assigns to execute any and all documents that shall be required to be executed in connection with any and all applications for foreign Letters Patent thereof, including the prosecution thereof, and to execute any and all documents necessary to invest title in said foreign applications and patents in said Assignee.

DECLARATION

I hereby declare that with reference to the application identified above and assigned hereunder ("the patent application"):

I have reviewed and understand the contents of the patent application, including the claims;

I believe myself to be the original inventor or original joint inventor (if additional inventors are listed below) of a claimed invention in the patent application;

The patent application is and was made or authorized to be made by me;

My residence and mailing address are as listed below next to my name; and

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FENWAL, INC.

Attorney Docket No.: F-6840 (9360-0584.01)

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I am aware of the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as set forth in 37 CFR 1.56.

I acknowledge that any willful false statement made in this declaration or statement is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than 5 years, or both.

Witness my hand and seal:

Inventor: Benjamin E. Kusters

Signature: *Benjamin E. Kusters*

Date: 14 Nov 2019

Residence: Pleasant Prairie, Wisconsin

Mailing Address: Three Corporate Drive
Lake Zurich, Illinois 60047

SUBSCRIBED AND SWORN to before me this 14th day of

November, 2019

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FENWAL, INC.

Attorney Docket No.: F-6840 (9360-0584.01)

Serial/Application No.: 16/686,823

Filed: November 18, 2019

Inventor: Kyungyoon Min

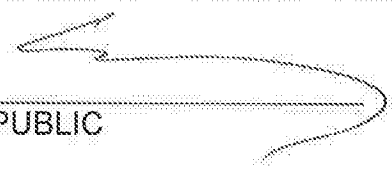
Signature: 

Date: 11/5/2019

Residence: Kildeer, Illinois

Mailing Address: Three Corporate Drive
Lake Zurich, Illinois 60047

SUBSCRIBED AND SWORN to before me this 5th day of
November, 2019.


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